

**ANNUAL SHELLFISH MANAGEMENT REVIEW**  
**for the period**  
**January 1st to December 31st, 2007**

**Municipality:** Kittery

**Date:** 02/29/08

The Shellfish Conservation Committee submits the following information in partial fulfillment of its responsibilities under Chapter 7 of the Department of Marine Resources Regulations and the Shellfish Conservation Ordinance of this municipality.

**Statement of Management Goals and Implementation Actions**

The goals of shellfish management for this municipality have been: (check only one of each pair)

- 1) ☒ provide a harvesting opportunity for the maximum number of participants  
   ☐ maximize individual harvest by minimizing the number of participants
- 2) ☒ increase the clam resource through various enhancement activities  
   ☐ maintain a sustainable yield through the vigorous use of production controls
- 3) ☒ provide for recreational harvesting in preference to commercial harvesting  
   ☐ provide for commercial harvesting in preference to recreational harvesting
- 4) ☐ maximize the economic value of the resource by adjusting production  
   ☐ maintain a constant production to provide a steady but variable income

The following management controls were utilized: (check all that apply)

- ☒ limit the number of commercial harvesters
- ☒ limit the number of recreational harvesters
- ☒ restrict times of harvest
- ☒ restrict the areas of harvest
- ☒ limit the amount of commercial harvest
- ☒ limit the amount of recreational harvest
- ☐ other:

The following management activities were undertaken: (check all that apply)

- ☒ predator protection through fencing, netting, trapping and etc.
- ☒ reseeding from high density areas or seeding with hatchery stock
- ☒ flat surveys to determine size distribution and density
- ☐ harvester surveys to obtain catch and effort data
- ☐ enhance natural seeding through brushing, roughing and etc.
- ☐ establishing conservation areas for flat rotation
- ☐ other:\_\_\_

**Shellfish Committee/Staff****Municipality:** Kittery

<b>Title</b>	<b>Name</b>	<b>Mailing Address</b>	<b>Telephone</b>
Chair	<u>Daniel Clapp</u>	<u>1 MacDougal St., Kittery, 03904</u>	<u>439-0528</u>
Vice Chair			
Secretary	<u>Joyce Tracksler</u>	<u>97 Goodwin Rd., Kittery, 03904</u>	<u>439-7405</u>
Member(s)	<u>Kenneth Lemont</u>	<u>154 Whipple Rd., Kittery, 03904</u>	<u>439-3698</u>
	<u>Daniel O'Reilly</u>	<u>114 Norton Rd., Kittery, 03904</u>	<u>439-0236</u>
	<u>Jack McCardle</u>	<u>14 Pepperrel Rd., Kittery, 03904</u>	<u>439-2314</u>
Selectmen/ Council Rep.			
Wardens	<u>John McCollett</u>	<u>29 Wilson Rd., Kittery, 03904</u>	<u>439-9714</u>
WQSpec(s)			

**Committee Meetings**

The Shellfish Committee holds regularly scheduled meetings: ☒ yes   ☐ no

The following number of meetings was held during the past year: 2

Minutes of meetings are recorded, filed and are available upon request: ☒ yes   ☐ no

**Conservation Credit**

The opportunity to obtain conservation credit is provided: ☐ yes   ☒ no

The total number of conservation hours needed to obtain credit is\_\_.

Conservation credit is required to obtain a: ☐ renewal license

☐ new license

Conservation hours are given for:

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> meeting attendance     | <input type="checkbox"/> coastal cleanup | <input type="checkbox"/> brushing         |
| <input type="checkbox"/> committee service      | <input type="checkbox"/> surveys         | <input type="checkbox"/> predator control |
| <input type="checkbox"/> educational activities | <input type="checkbox"/> reseeding       | <input type="checkbox"/>                  |

If conservation credit is not provided, the total number of volunteer man-hours documented for management activities during the past year is: 76.

**Summary of Warden Activities**Municipality: Kittery

Hours Patrolled:	<u>132</u>
Diggers Checked:	<u>10</u>
Warnings Given:	<u>0</u>
Summon Issued:	<u>0</u>
Court Appearances:	<u>0</u>
Convictions:	<u>0</u>

Enforcement of the shellfish management ordinance has been: ☒ satisfactory  
☐ unsatisfactory

Enforcement could be improved by: ☐ more hours patrolled ☐ better training  
☐ more wardens ☐ greater state support  
☐ better equipment ☐ other:

The warden is provided with a written job description: ☒ yes ☐ no

**Production Data Collected by the Warden**

Month	Avg. Daily Catch/Digger		Avg. # of Diggers/Day		Total # of Days Dug		Total Lbs [ ] or Bu [X]
January	<u>0.3</u>	X	<u>7.75</u>	X	<u>4</u>	=	<u>2.3</u>
February	<u>0.34</u>		<u>2.75</u>		<u>4</u>		<u>1</u>
March	<u>0.3</u>		<u>0.83</u>		<u>5</u>		<u>0.31</u>
April	<u>0</u>		<u>0</u>		<u>0a</u>		<u>0</u>
May	<u>0</u>		<u>0</u>		<u>0a</u>		<u>0</u>
June	<u>0</u>		<u>0</u>		<u>0a</u>		<u>0</u>
July	<u>0</u>		<u>0</u>		<u>0a</u>		<u>0</u>
August	<u>0</u>		<u>0</u>		<u>0a</u>		<u>0</u>
September	<u>0</u>		<u>0</u>		<u>0a</u>		<u>0</u>
October	<u>0</u>		<u>0</u>		<u>0a</u>		<u>0</u>
November	<u>0</u>		<u>0</u>		<u>0a</u>		<u>0</u>
December	<u>0</u>		<u>0</u>		<u>0a</u>		<u>0</u>
					TOTAL		<u>3.61</u>

**Warden(s)****Training Date****Nomination Date**John V. McCollett04/30/0403/27/06**Shellfish Conservation Budget**Municipality: Kittery

<b>License Receipts</b>	<b>Allocation</b>	<b>Sold</b>	<b>Received</b>
<i>Commercial</i>			
Resident	-	-	\$0
Nonresident	-	-	\$0
Senior Resident	-	-	\$0
Senior Nonresident	-	-	\$0
Junior/Student Resident	-	-	\$0
Junior/Student Nonresident	-	-	\$0
Other: <i>n/a</i>	-	-	\$0
<i>Recreational</i>			
Resident	100	53	\$795
Nonresident	10	10	\$300
Daily/Weekly/Monthly Res.	-	-	\$0
Daily/Weekly/Monthly Nonres.	-	-	\$0
Senior Resident	10	9	\$0
Senior Nonresident	1	1	\$0
Junior/Student Resident	-	-	\$0
Junior/Student Nonresident	-	-	\$0
Other: <i>n/a</i>	-	-	\$0
SUBTOTAL (1)			\$1,095
<b>Receipts Independent of License Fees</b>			
Shellfish Conservation Account Carried Forward			\$1,350
Funds Raised for Warden			\$0
Funds Raised for Management Activities			\$2,500
Fines			\$0
Other			\$0
SUBTOTAL (2)			\$3,850
TOTAL Receipts (1+2)			\$4,945
<b>Disbursements</b>			
Warden Salary			\$2,150
Mileage			\$0
Clothing			\$0
Equipment			\$0
Training			\$0
SUBTOTAL (3)			\$2,150
Advertising			\$0
Supplies			\$144
Surveys			\$0
Seeding			\$431
Miscellaneous			\$0
SUBTOTAL (4)			\$575
TOTAL Disbursements (3+4)			\$2,725

**Proposed Management Controls**

**Municipality:** Kittery

The following management controls will be utilized for the coming year: (check all that apply)

- ☒ limit the number of commercial harvesters
- ☒ limit the number of recreational harvesters
- ☒ restrict times of harvest
- ☒ restrict the areas of harvest
- ☒ limit the amount of commercial harvest
- ☒ limit the amount of recreational harvest
- ☐ other:

### Proposed Shellfish Licenses

<u>License</u>	<u>Number</u>	<u>Cost @</u>
<i>Commercial</i>		
Resident	_____	_____
Nonresident	_____	_____
Senior Resident	_____	_____
Senior Nonresident	_____	_____
Junior/Student Resident	_____	_____
Junior/Student Nonresident	_____	_____
Other	_____	_____
<i>Recreational</i>		
Resident	<u>100</u>	<u>\$15</u>
Nonresident	<u>10</u>	<u>\$30</u>
Daily/Weekly Monthly Res.	_____	_____
Daily/Weekly Monthly Nonres.	_____	_____
Senior Resident	_____	_____
Senior Nonresident	_____	_____
Junior/Student Resident	_____	_____
Junior/Student Nonresident	_____	_____
Other	_____	_____

License number determination is based upon: ☐ calculation using survey data  
☐ survey data as a guide  
☒ harvester input  
☒ need/demand

The above numbers are:

- ☒ tentative, the actual numbers to be determined later
- ☐ firm, have been or will be submitted to DMR

## Proposed Management Activities

Municipality: Kittery

The following management activities will be undertaken during the coming year: (check all that apply)

- ☒ predator protection through fencing, netting, trapping and etc.
- ☒ reseeding from high density areas or with hatchery stock
- ☒ flat surveys to determine size distribution and density
- ☐ harvester surveys to obtain catch and effort data
- ☐ enhance natural seeding through brushing, roughing and etc.
- ☐ establishing conservation areas for flat rotation
- ☒ other: Pollution source surveys.

In order to implement these management activities the committee will utilize: (check all that apply)

- ☐ harvesters vested with conservation credit
- ☒ harvester volunteers
- ☐ paid harvesters
- ☐ municipal employees
- ☐ paid consultants
- ☐ other:

To provide a forum for harvester input in management planning, the shellfish committee plans to meet:

- ☐ annually
- ☐ biannually
- ☐ quarterly
- ☒ bimonthly
- ☐ monthly

Meeting notification for other than regularly scheduled meetings is by:

- ☐ mailing
- ☒ phone call
- ☐ posting
- ☐ newspaper
- ☐ word of mouth

In order to keep the DMR informed and to solicit advice on management activities, the shellfish committee will:

- ☐ request the area biologist to participate in all meetings
- ☐ request the area biologist to participate in only specific meetings
- ☐ invite the area biologist to attend all meetings
- ☒ invite the area biologist to attend only specific meetings

## Summary of Clam Flat Survey Data

Municipality: Kittery

[ ] No surveys were conducted.

100

The flats surveyed represent approximately 13% of the total productive flats.

Municipality: Kittery

The following seeding / reseeding activities were conducted during the past year.  
☐ No seeding / reseeding activities were conducted.

	Event 1	Event 2	Event 3	Event 4
Date	05-05-07			
Supervisor	Daniel Clapp			
Crew #	6			
Amount	20,000			
Mean Size (in.)	0.35			
Size Range (in.)	0.3-0.4			
Source	Beal's Island			
Source Flat				
Receiv. Flat	Brave Boat Harbor			
Netted (y/n)	Y			
Closed until	1/1/09			

	Event 5	Event 6	Event 7	Event 8
Date				
Supervisor				
Crew #				
Amount				
Mean Size (in.)				
Size Range (in.)				
Source				
Source Flat				
Receiv. Flat				
Netted (y/n)				
Closed until				



The following is a list of conservation closures implemented or in effect during the past year.  
(This table is for areas normally open.)      ☒ No conservation areas were closed.

Conservation Area	Acreage	Closing Date	Opening Date	Days Closed*	Reason

\*during 2007

### Summary of Conservation Openings

The following is a list of conservation openings implemented or in effect during the past year.  
(This table is for areas normally closed.)      ☐ No conservation areas were opened.

Conservation Area	Acreage	Opening Date	Closing Date	Days Open*	Reason
<i>Brave Boat Harbor</i>	<i>5</i>	<i>1/1</i>	<i>3/31</i>	<i>13</i>	<i>Cropping</i>

\*during 2007

**Additional Activities**

**Municipality:** Kittery

### Spatfall Enhancement

The following is a list of activities to promote clam settlement such as brushing, flat roughing, tenting or netting.      ☒ No such activities were conducted.

Location	Date	Description

### Predator Protection

The following is a list of activities to protect clams from predators such as trapping, netting and hand collecting.      ☒ No such activities were conducted.

Location	Date	Description

### Other Activities

The following is a list of other activities that benefit, directly or indirectly, the management program such as educational projects, participation in regional councils and shoreline cleanup.      ☒ No such activities were conducted.

Location	Date	Description